| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|--------------------|---------------------|---------|------------------|
| S1 | 699 | 375/296.ccls. | US-PGPUB; USPAT | OR | ON | 2004/11/10 16:36 |
| S2 | 14 | 375/296.ccls. and (digital adj predistorter) | US-PGPUB; USPAT | OR | ON | 2006/05/16 14:59 |
| S3 | 3 | ("4462001" "5905760" "5949283"). PN. | USPAT | OR | ON | 2004/11/09 17:51 |
| · S4 | 17 | 375/297.ccls. and (digital adj predistorter) | US-PGPUB; USPAT | OR | ON | 2006/12/06 08:51 |
| S5 | 30 | "375"/\$.ccls. and (digital adj predistorter) | US-PGPUB; USPAT | OR | ON | 2004/11/09 18:13 |
| S6 | 1 | (training adj circuit) and (digital adj predistorter) | US-PGPUB; USPAT | OR | ON | 2004/11/15 15:14 |
| S7 | 21 | (training) and (digital adj predistorter) | US-PGPUB; USPAT | OR | ON | 2004/11/09 18:18 |
| S8 | 10 | (training) same (predistorter) same LUT | US-PGPUB; USPAT | OR _ | ON | 2004/11/09 18:33 |
| S9 | 21 | (training) and (predistorter) and LUT | US-PGPUB; USPAT | OR | ON | 2004/11/26 11:39 |
| S10 | 9 | ("4291277" "4700151" "5046832" "5404378" "5699383" "5732333" "5748678" "5867065" "5892397"). PN. | USPAT | OR | ON | 2004/11/09 18:34 |
| S11 | 29 | "6141390".URPN. | USPAT | OR | ON | 2004/11/09 18:37 |
| S12 | 1 | "5732333".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/10 16:38 |
| S13 | 0 | 375/297.ccls. and (predistorter) and (upconverter near5 (low adj pass)) | US-PGPUB; USPAT | OR | ON | 2004/11/12 13:51 |
| S14 | 1 | 375/297.ccls. and (predistorter) and (upconverter same (low adj pass)) | US-PGPUB; USPAT | OR | ON | 2004/11/12 13:55 |
| S15 | 5 | 375/296.ccls. and (predistorter) and ((quadrature adj modulator) same (low adj pass)) | US-PGPUB; USPAT | OR | ON | 2004/11/12 14:03 |
| S16 | 7 | 375/296.ccls. and (predistorter) and ((low adj pass filter) with (quadrature adj modulator)) | US-PGPUB; USPAT | OR | ON | 2004/11/16 10:02 |
| S17 | 2 | 375/296.ccls. and (predistorter) and (root adj raised adj cosine) | US-PGPUB; USPAT | OR | ON | 2004/11/12 16:38 |
| S18 | 2 | 375/296.ccls. and (predistorter) and (WCDMA) | US-PGPUB; USPAT | OR | ON | 2004/11/12 16:39 |
| S19 | 5 | "375"/\$.ccls. and (predistorter) and (WCDMA) | US-PGPUB; USPAT | OR | ON | 2004/11/12 16:48 |
| S20 | 1 | "6141390".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/12 16:48 |

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|-----|-----|--|--------------------|------|-----|------------------|
| S21 | 1 | "6141390".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/15 10:33 |
| S22 | 1 | "6275685".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/15 10:33 |
| S23 | 1 | "6373902".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/15 16:28 |
| S24 | 2 | 375/296.ccls. and (predistort\$5) and ((low adj pass filter) with (quadrature adj demodulator)) | US-PGPUB; USPAT | OR | ON | 2004/11/15 16:32 |
| S25 | 7 | "375"/\$.ccls. and (predistort\$5) and ((low adj pass filter) with (quadrature adj demodulator)) | US-PGPUB; USPAT | OR | ON | 2004/11/15 16:52 |
| S26 | 1 | "6603811".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/15 16:53 |
| S27 | 1 | "6272209".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/15 17:00 |
| S28 | 0 | "044104".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/15 16:56 |
| S29 | 1 | "6044104".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/15 17:00 |
| S30 | 1 | "6718170".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/16 07:55 |
| S31 | .8 | 375/296.ccls. and ((low adj pass filter) with (quadrature adj demodulator)) | US-PGPUB; USPAT | OR | ON. | 2004/11/16 10:06 |
| S32 | 1 | "6240144".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/16 13:59 |
| S40 | 1 | "6288610".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/16 16:23 |
| S41 | 2 | 375/296.ccls. and (predistorter) and (root adj raised adj cosine) | US-PGPUB; USPAT | OR | ON | 2004/11/16 16:38 |
| S42 | 8 | (predistorter) and (root adj raised adj cosine) | US-PGPUB; USPAT | OR | ON | 2004/11/17 09:36 |
| S43 | 13 | "381"/\$.ccls. and ((stereo adj sum) same loop) | US-PGPUB; USPAT | OR | ON | 2004/11/16 16:44 |
| S44 | 3 | 375/296.ccls. and (Nyquist adj characteristic\$3) | US-PGPUB; USPAT | OR | ON | 2006/11/28 09:05 |
| S45 | 440 | "375"/\$.ccls. and (root adj raised adj cosine) | US-PGPUB; USPAT | OR | ON | 2004/11/17 09:38 |
| S46 | 147 | "375"/\$.ccls. and ((root adj raised adj cosine) same digital) | US-PGPUB; USPAT | OR | ON | 2004/11/17 09:42 |
| S47 | 10 | "375"/\$.ccls. and ((root adj raised adj cosine adj characteristic)) | US-PGPUB; USPAT | OR . | ON | 2004/11/17 09:51 |
| S48 | 1 | "5732333".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/17 09:44 |

| S49 | 1 | "6216250".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/17 09:44 |
|-------|-----|--|--------------------|------|----|------------------|
| S50 | 3 | "375"/\$.ccls. and ((root adj raised adj cosine adj filter) same advantage) | US-PGPUB; USPAT | OR | ON | 2004/11/17 09:53 |
| S51 | 38 | "375"/\$.ccls. and ((pulse adj shaping) same advantage) | US-PGPUB; USPAT | OR | ON | 2004/11/17 09:53 |
| S52 | 17 | "330"/\$.ccls. and (training) and (predistorter) and LUT | US-PGPUB; USPAT | OR | ON | 2004/11/26 11:40 |
| S53 | 13 | "330"/149.ccls. and (training) and (predistorter) and LUT | US-PGPUB; USPAT | OR | ON | 2004/11/26 11:42 |
| S54 | 1 | "332"/\$.ccls. and (training) and (predistorter) and LUT | US-PGPUB; USPAT | OR | ON | 2004/11/26 11:42 |
| S55 | 8 | "332"/\$.ccls. and (predistorter) and LUT | US-PGPUB; USPAT | OR | ON | 2004/11/26 11:42 |
| S56 | 0 | "09741411".pn. | US-PGPUB; USPAT | OR | ON | 2005/02/24 11:02 |
| S57 | 1 | "6141390".pn. | US-PGPUB; USPAT | OR | ON | 2005/06/13 11:34 |
| S58 | 1 | "5923732".pn. | US-PGPUB; USPAT | OR | ON | 2005/06/13 11:34 |
| S59 | 1 | "6141390".pn. | US-PGPUB; USPAT | OR | ON | 2005/09/08 14:08 |
| S60 | 1 | "6054896".pn. | US-PGPUB; USPAT | OR | ON | 2005/12/10 15:28 |
| S61 | 1 | "6141390".pn. | US-PGPUB; USPAT | OR | ON | 2006/05/16 10:36 |
| S62 | 1 | "6054896".pn. | US-PGPUB; USPAT | OR | ON | 2006/05/16 10:40 |
| S63 | 1 | "6275865".pn. | US-PGPUB; USPAT | OR | ON | 2006/05/16 10:40 |
| S64 | 1 | "6275685".pn. | US-PGPUB; USPAT | OR | ON | 2006/05/16 14:02 |
| S65 | 216 | (nonlinear adj amplif\$8) same (linear adj amplif\$8) | US-PGPUB; USPAT | OR | ON | 2006/05/16 14:03 |
| S66 | 3 | (nonlinear adj amplif\$8) same (linear adj amplif\$8) same weight\$7 | US-PGPUB; USPAT | OR . | ON | 2006/05/16 14:05 |
| S67 | 31 | (non adj linear adj amplif\$8) same (linear adj amplif\$8) same weight\$7 | US-PGPUB; USPAT | OR | ON | 2006/05/16 14:05 |
| S68 | 0 | 375/297.ccls. and (training same (disconnect\$8 near3 antenna)) | US-PGPUB; USPAT | OR | ON | 2006/05/16 15:01 |
| S69 | 4 | 375/297.ccls. and ((disconnect\$8 near3 antenna)) | US-PGPUB; USPAT | OR | ON | 2006/05/16 15:01 |
| · S70 | 1 | "5987065".pn. | US-PGPUB; USPAT | OR | ON | 2006/05/17 08:28 |

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|---------------------------------------|-----|--|------------------------------|----|------|------------------|
| S71 | 4 | ("4413240" "5530769" "5828700" "5892833").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/17 08:29 |
| S72 | 8 | ("5892833").URPN. | USPAT | OR | ON | 2006/05/17 08:31 |
| S73 | 4 | ("5987065").URPN. | USPAT | OR | ON | 2006/05/17 08:33 |
| S74 | 19 | (first adj path near (amplif\$5)) same ((second adj path) near amplif\$8) | USPAT | OR | ON | 2006/05/17 08:36 |
| S75 | 1 | "5920594" | USPAT | OR | ON | 2006/05/17 08:36 |
| S76 | 0 | "375"/\$.ccls. and ((antenna array) same weight\$*) | USPAT | OR | ON | 2006/05/17 08:37 |
| S77 | 943 | "375"/\$.ccls. and ((antenna array) same weight\$5) | USPAT | OR | ON | 2006/05/17 08:37 |
| S78 | 104 | "375"/267.ccls. and ((antenna array) same weight\$5) | USPAT | OR | ON | 2006/05/17 09:35 |
| S79 | 18 | "6054896" | USPAT | OR | ON | 2006/05/17 09:36 |
| S80 | 1 | "6054896".pn. | USPAT | OR | ON | 2006/05/17 09:36 |
| S81 | 1 | "6141390".pn. | US-PGPUB; USPAT | OR | ON · | 2006/11/02 06:23 |
| S82 | 1 | "6275685".pn. | US-PGPUB; USPAT | OR | ON | 2006/11/02 06:24 |
| S83 | 1 | "6054896".pn. | US-PGPUB; USPAT | OR | ON | 2006/11/02 06:25 |
| S84 | 1 | "6373902".pn. | US-PGPUB; USPAT | OR | ON | 2006/11/02 06:26 |
| S85 | 1 | "6240144".pn. | US-PGPUB; USPAT | OR | ON | 2006/11/02 06:26 |
| S86 | . 1 | "6288610".pn. | US-PGPUB; USPAT | OR | ON | 2006/11/02 06:26 |
| S87 | 0 | 375/296.ccls. and (tariner) | US-PGPUB; USPAT | OR | ON | 2006/11/28 09:05 |
| S88 | 9 | 375/296.ccls. and (trainer) | US-PGPUB; USPAT | OR | ON | 2006/11/28 09:08 |
| S89 | 2 | 375/296.ccls. and (trainer) and receiver | US-PGPUB; USPAT | OR | ON | 2006/11/28 09:11 |
| S90 | 0 | 375/297.ccls. and (trainer) and receiver | US-PGPUB; USPAT | OR | ON | 2006/11/28 09:11 |
| S91 | 5 | 375/297.ccls. and (trainer) | US-PGPUB; USPAT | OR | ON | 2006/11/28 09:15 |
| S92 | 4 | 375/297.ccls. and (disconnect\$6 near antenna) | US-PGPUB; USPAT | OR | ON | 2006/11/28 09:16 |
| S93 | 2 | 375/296.ccls. and (disconnect\$6 near antenna) | US-PGPUB; USPAT | OR | ON | 2006/11/28 09:16 |

| S94 | 231 | 375/297.ccls. and (receiver) | US-PGPUB; USPAT | OR | ON | 2006/11/28 09:17 |
|----------|-----|--|--------------------|----|----|------------------|
| S95 | 0 | 375/297.ccls. and (trainer same receiver) | US-PGPUB; USPAT | OR | ON | 2006/11/28 09:17 |
| S96 | 0 | 375/297.ccls. and (trainer and receiver) | US-PGPUB; USPAT | OR | ON | 2006/11/28 09:17 |
| S97 | 38 | 375/297.ccls. and (predistorter and receiver) | US-PGPUB; USPAT | OR | ON | 2006/11/28 09:20 |
| S98 | 0 | 375/297.ccls. and ("6054896".pn.) | US-PGPUB; USPAT | OR | ON | 2006/11/28 09:20 |
| S99 | 1 | "6054896".pn. | US-PGPUB; USPAT | OR | ON | 2006/11/28 09:35 |
| S10 0 | . 1 | "5307375".pn. | US-PGPUB; USPAT | OR | ON | 2006/11/28 09:35 |
| S10 1 | 1 | "5245561".pn. | US-PGPUB; USPAT | OR | ON | 2006/11/28 09:36 |
| S10 2 | 2 | 375/296.ccls. and ((closed adj loop) near3 calibrat\$8) | US-PGPUB; USPAT | OR | ON | 2006/11/29 11:10 |
| S10 3 | 0 | 375/295.ccls. and ((antenna near disconn\$5) same (training adj mode)) | US-PGPUB; USPAT | OR | ON | 2006/11/29 11:08 |
| S10 4 | 0 | 375/295.ccls. and ((antenna near disconn\$5) and (training adj mode)) | US-PGPUB; USPAT | OR | ON | 2006/11/29 11:08 |
| S10 5 | 0 | 375/295.ccls. and ((antenna near disconn\$5)) | US-PGPUB; USPAT | OR | ON | 2006/11/29 11:08 |
| S10 6 | 1 | 375/296.ccls. and ((antenna near disconn\$5)) | US-PGPUB; USPAT | OR | ON | 2006/11/29 11:09 |
| S10 7 | 1 | 375/296.ccls. and ((offline adj calibrat\$7)) | US-PGPUB; USPAT | OR | ON | 2006/11/29 11:09 |
| S10 8 | 1 | 375/296.ccls. and ((closed adj loop adj calibrat\$7)) | US-PGPUB; USPAT | OR | ON | 2006/11/29 11:09 |
| S10 9 | 0 | 375/297.ccls. and ((antenna near disconn\$5)) | US-PGPUB; USPAT | OR | ON | 2006/11/29 14:34 |
| S11 0 | 527 | 375/296.ccls. and (receiver) | US-PGPUB; USPAT | OR | ON | 2006/11/29 11:10 |
| S11 1 | 204 | 375/296.ccls. and (transceiver) | US-PGPUB; USPAT | OR | ON | 2006/11/29 11:22 |
| S11 2 | 1 | "6054896".pn. | US-PGPUB; USPAT | OR | ON | 2006/11/29 11:22 |
| S11 3 | 0 | 455/1114.3.ccls. and receiver | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:13 |
| S11 4 | 70 | 455/114.3.ccls. and receiver | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:13 |
| S11 5 | 12 | 455/114.3.ccls. and receiver and LUT | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:22 |
| | | | | | | |

| S11 6 | 21 | 375/296.ccls. and receiver and LUT | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:31 |
|----------|----|---|--------------------|----|-----|------------------|
| S11 7 | 9 | 375/296.ccls. and (self adj calibrat\$8) | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:32 |
| S11 8 | 0 | 375/296.ccls. and (discon\$5 near antenna) | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:33 |
| S11 9 | 0 | 375/297.ccls. and (discon\$5 near antenna) | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:34 |
| S12 0 | 13 | "375"/\$.ccls. and (discon\$5 near antenna) | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:34 |
| S12 1 | 0 | "375"/\$.ccls. and (discon\$5 near antenna) and predistort\$6 | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:34 |
| S12 2 | 3 | 375/297.ccls. and (discon\$5 with antenna) | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:35 |
| S12 3 | 2 | 375/296.ccls. and (discon\$5 with antenna) | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:36 |
| S12 4 | 0 | 455/114.3.ccls. and (discon\$5 with antenna) | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:36 |
| S12 5 | 15 | 455/114.3.ccls. and (calibration) | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:38 |
| S12 6 | 0. | 455/114.3.ccls. and (closed with calibration) | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:39 |
| S12 7 | 0 | 375/297.ccls. and (closed with calibration) | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:39 |
| S12 8 | 16 | ("5740520").URPN. | USPAT | OR | OFF | 2006/12/06 08:13 |
| S12 9 | 3 | 375/297.ccls. and ((root adj raised adj cosine) with power) | US-PGPUB; USPAT | OR | ON | 2006/12/06 08:52 |
| S13 0 | 5 | 375/296.ccls. and ((root adj raised adj cosine) with power) | US-PGPUB; USPAT | OR | ON | 2006/12/06 10:33 |
| S13 1 | 40 | 375/296.ccls. and ((root adj raised adj cosine)) | US-PGPUB; USPAT | OR | ON | 2006/12/06 10:36 |
| S13 2 | 15 | 375/297.ccls. and ((root adj raised adj cosine)) | US-PGPUB; USPAT | OR | ON | 2006/12/06 13:14 |
| S13 3 | 11 | 375/297.ccls. and (digital adj predistort\$6) and (closed adj loop) | US-PGPUB; USPAT | OR | ON | 2006/12/06 12:08 |
| S13 4 | 3 | 375/297.ccls. and (digital adj predistort\$6) and receiver and (closed adj loop) | US-PGPUB; USPAT | OR | ON | 2006/12/06 12:16 |
| S13 5 | 1 | 375/296.ccls. and (digital adj predistort\$6) and receiver and (closed adj loop) | US-PGPUB; USPAT | OR | ON | 2006/12/06 12:16 |
| S13 6 | 6 | "375"/\$.ccls. and (digital adj predistort\$6) and receiver and (closed adj loop) | US-PGPUB; USPAT | OR | ON | 2006/12/06 12:21 |

| S13 7 | 5 | "455"/\$.ccls. and (digital adj predistort\$6) and receiver and (closed adj loop) | US-PGPUB; USPAT | OR | ON | 2006/12/06 12:22 |
|----------|---------|---|--------------------|------|----|------------------|
| S13 8 | 18 | (digital adj predistort\$6) and receiver and (closed adj loop) | US-PGPUB; USPAT | OR | ON | 2006/12/06 12:24 |
| S13 9 | 0 | (digital adj predistort\$6) and receiver and (closed adj loop adj calibration) | US-PGPUB; USPAT | OR | ON | 2006/12/06 12:24 |
| S14 0 | 0 | (digital adj predistort\$6) and receiver and (closed adj loop adj calib\$7) | US-PGPUB; USPAT | OR | ON | 2006/12/06 12:24 |
| S14 1 | 0 | (digital adj predistort\$6) and receiver and (closed adj loop adj training) | US-PGPUB; USPAT | OR | ON | 2006/12/06 12:24 |
| S14 2 | 0 | (digital adj predistort\$6) and receiver and (selp adj calibrat\$8) | US-PGPUB; USPAT | OR | ON | 2006/12/06 13:14 |
| S14 3 | 2103242 | f | US-PGPUB; USPAT | OR . | ON | 2006/12/06 13:14 |
| S14 4 | 0 | 375/29.ccls. and (self adj calibration) | US-PGPUB; USPAT | OR | ON | 2006/12/06 13:15 |
| S14 5 | 7 | 375/296.ccls. and (self adj calibration | US-PGPUB; USPAT | OR | ON | 2006/12/06 13:17 |
| S14 6 | 0 | 375/296.ccls. and (closed adj loop adj calibration) | US-PGPUB; USPAT | OR | ON | 2006/12/06 13:17 |
| S14 7 | 0 | 375/295.ccls. and (closed adj loop adj calibration) | US-PGPUB; USPAT | OR | ON | 2006/12/06 13:17 |
| S14 8 | 0 | 375/297.ccls. and (closed adj loop adj calibration) | US-PGPUB; USPAT | OR | ON | 2006/12/06 13:18 |
| S14 9 | 0 | 455/114.3.ccls. and (closed adj loop adj calibration) | US-PGPUB; USPAT | OR | ON | 2006/12/06 13:18 |